

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A heat exchanger, comprising  
a plurality of flat tubes which are arranged parallel to and at a distance from one another and via at least one end can be fed with a fluid (F) via a collection manifold,  
wherein the flat tubes ~~[[being]]~~are arranged at least partially in a positively locking manner in the collection manifold;  
wherein an outer contour, which represents the end of the respective flat tube, is at least partially matched to an internal contour which represents the collection manifold;  
[[and]]  
wherein the tubes are inserted into the collection manifold so that the outer contour of the respective flat tube is connected to the internal contour of the collection manifold; and  
wherein the collection manifold comprises a single collection manifold which is in fluid communication with all the flat tubes and which comprises both a fluid inlet and a fluid outlet.
2. (Canceled)
3. (Currently Amended) A heat exchanger according to claim 1, ~~comprising a plurality of flat tubes which are arranged parallel to and at a distance from one another and via at least one end can be fed with a fluid (F) via a collection manifold,~~  
~~wherein the flat tubes being arranged at least partially in a positively locking manner in the collection manifold;~~  
wherein an outer contour, which represents the end of the respective flat tube, is at least partially matched to an external contour which represents the collection manifold;~~and~~  
~~wherein the collection manifold is formed by a single collection manifold connected to all of the flat tubes.~~

4. (Withdrawn) The heat exchanger as claimed in claim 1, in which the end of at least one of the flat tubes is provided with one or more openings.
5. (Withdrawn) The heat exchanger as claimed in claim 1, in which the end of at least one of the flat tubes has an open contour or opening.
6. (Withdrawn) The heat exchanger as claimed in claim 1, in which the end of at least one of the flat tubes is provided with webs on the outer side.
7. (Withdrawn) The heat exchanger as claimed in claim 6, in which the end of at least one of the flat tubes is provided with a further, centrally arranged web.
8. (Withdrawn) The heat exchanger as claimed in claim 1, in which the end of the respective flat tube is at least partially routed in a recess which runs inside the internal contour.
9. (Previously presented) The heat exchanger as claimed in claim 1, in which the end of the respective flat tube is held in a positively locking manner at the collection manifold.
10. (Withdrawn) The heat exchanger as claimed in claim 8, in which the end of the respective flat tube is soldered along the recess of the collection manifold.
11. (Withdrawn) The heat exchanger as claimed in claim 1, in which the collection manifold is provided with at least one cutout or a recess for one of the flat tubes to pass through.
12. (Withdrawn) The heat exchanger as claimed in claim 11, in which the end of the flat tube in question is held cohesively at the cutout of the collection manifold.

13. (Previously presented) The heat exchanger as claimed in claim 1, in which the collection manifold is longitudinally and/or transversely divided into at least two regions.

14. (Currently Amended) A heat exchanger,~~The heat exchanger as claimed in claim 1,~~ in which, comprising:

a plurality of flat tubes which are arranged parallel to and at a distance from one another and via at least one end can be fed with a fluid (F) via a collection manifold,

wherein the flat tubes are arranged at least partially in a positively locking manner in the collection manifold;

wherein an outer contour, which represents the end of the respective flat tube, is at least partially matched to an internal contour which represents the collection manifold;

wherein the tubes are inserted into the collection manifold so that the outer contour of the respective flat tube is connected to the internal contour of the collection manifold;

wherein the end of at least one of the flat tubes is provided with a slot for receiving a partition wall; and

wherein the slot is formed in the outer contour of the respective flat tube that at least partially matches an internal contour which represents the collection manifold.

15. (Previously presented) The heat exchanger as claimed in claim 14, in which the partition wall has a through-opening.

16. (Previously presented) The heat exchanger as claimed in claim 1, in which the flat tubes open out into an associated collection manifold at each of the end sides.

17. (Previously presented) The heat exchanger as claimed in claim 16, in which the collection manifolds arranged at the end sides of the flat tubes are of identical design.

18. (Withdrawn) The heat exchanger as claimed in claim 1, in which the flat tubes arranged in a positively locking manner in the collection manifold have differently designed ends.

19. (Withdrawn) The heat exchanger as claimed in claim 1, in which at least one of the flat tubes arranged in a positively locking manner in the collection manifold is closed and acts as a partition wall.

20. (Previously presented) An air-conditioning system for a vehicle having a heat exchanger as claimed in claim 1.

21. (Previously presented) A motor vehicle comprising a heat exchanger according to claim 1.

22. (Canceled)

23. (Previously presented) The heat exchanger as claimed in claim 14, wherein the plurality of tubes are single tubes aligned in a row.

24. (Currently Amended) A heat exchanger, comprising:  
a plurality of flat tubes which are arranged parallel to and at a distance from one another and via at least one end can be fed with a fluid (F) via a collection manifold,  
wherein the flat tubes are arranged at least partially in a positively locking manner in the collection manifold;  
wherein an outer contour, which represents the end of the respective flat tube, is at least partially matched to an internal contour which represents the collection manifold;  
wherein the tubes are inserted into the collection manifold so that the outer contour of the respective flat tube is connected to the internal contour of the collection manifold;~~The heat exchanger as claimed in claim 14,~~  
wherein the end of at least one of the flat tubes is provided with a slot for receiving a partition wall;  
wherein the slot is formed in the outer contour of the respective flat tube that at least partially matches an internal contour which represents the collection manifold; and

wherein the slot connects with an opening of the respective tube, wherein the opening forms a flow passage within the collection manifold.

25. (Canceled)

26. (New) A heat exchanger, comprising:

a plurality of flat tubes which are arranged parallel to and at a distance from one another and via at least one end can be fed with a fluid (F) via a collection manifold,

wherein the flat tubes are arranged at least partially in a positively locking manner in the collection manifold;

wherein an outer contour, which represents the end of the respective flat tube, is at least partially matched to an internal contour which represents the collection manifold;

wherein the tubes are inserted into the collection manifold so that the outer contour of the respective flat tube is connected to the internal contour of the collection manifold; and

wherein at least one end of at least one flat tube is provided with a rectangular opening.